

Abstract

Title: Case report of physiotherapeutic care of patient after implantation of unicompartmental knee replacement

Summary: This study focuses on the kazuistic of the patient with unicompartmental knee replacement. It consists of a general and a specialized part. In the first theoretical part are described the anatomic structures, biomechanics of the knee, gonarthrosis, the conservative and surgical treatment of gonarthrosis, and are also discussed approaches of physiotherapy in patients after partial knee replacement.

The main part of thesis is the specialized part. In this second part, a case report is described. It contains anamnesis, initial kinesiology examination, course of the therapy, final kinesiology examination and evaluation of the therapy. The results of physiotherapeutic care of the patient are: increased range of motion of the knee, improvement of muscular strength of lower limbs and the overall improvement of the patient, leading to self-sufficiency.

The main objective of this thesis is to provide a comprehensive view on the issue of unicompartmental knee joint and the practical application of physiotherapy practices for selected patient.

Key words: Knee joint; unicompartmental endoprosthesis; physiotherapy.